1) A statement concerning assurance that is not required of any of the six existing trusted classes specified by the TCSEC is:

   a) the TCB must be designed in a trusted facility with only trusted (cleared) personnel.
   b) if any flaw is discovered, the flaw will be corrected and all testingwill be repeated even if unrelated to the flaw.
   c) formal methods will be used in the covert channel analysis effort.
   d) the DTLS will include hardware implemented components of the TCB if their properties are visible at the TCB interface.
   e) None of the above.

2) Documentation of a test should describe:

   a) test cases.
   b) what is tested.
   c) what is not tested.
   d) All of the above.
   e) None of the above.

3) Requirements specified for an A1 class system include:

   a) design verification.
   b) code verification.
   c) trusted distribution.
   d) a) and c).
   e) a) and b).

4) Which of the following statements about specifications and verification is not true?

   a) a model written in Latin is informal.
   b) a specification is needed in order to write a model.
   c) the effort to perform formal verification is only justified in thehighest-security environments.
   d) verification is made easier if the functional specification isstructured to isolate security-relevant functionality.
   e) None of the above.

5) Security tests performed by the vendor should be repeatable because:

   a) these tests may be rerun by the evaluators.
   b) these tests may be rerun when the system is enhanced.
   c) these tests may be rerun when “bug fixes” are required.
   d) test documentation will need to be stable to enhance assurance.
   e) All of the above.

6) Trusted recovery assures that mechanisms and procedures exist to permitthe efficient recall of a trusted system found to possess a security flaw.

   a) TRUE.
   b) FALSE.

7) The set of implementation assurance techniques required at class B3 are:

   a) formal verification and functional security testing.
   b) informal verification, functional security testing, and covert storage channel analysis.
   c) penetration and functional security testing, and covert channelanalysis.
   d) penetration and functional security testing, informal verification, and covert channel analysis.
   e) None of the above.

8) There are no required design specification or verification requirements specified for classes C1 and C2.

   a) TRUE.
   b) FALSE.

9) A security related functional test plan should examine the behavior of a system's TCB through its user visible interfaces.

   a) TRUE.
   b) FALSE.

10) Security testing should be done while the TCB is in:

   a) maintenance mode using privileged programs that can read or write internal TCB data structures.
   b) a normal mode using user-level programs that cannot read or write internal TCB data structures.
   c) test mode using user-level programs that can read, but not write, internal TCB data structures.
   d) None of the above.